

LISTING OF THE CLAIMS

A complete listing of the claims is provided below. This listing of claims will replace all prior versions and listings of claims in the application.

1. (Withdrawn) An adapter for connecting a motor/gear box assembly to a pump assembly, the adapter comprising:

an adapter body comprising;

a first face having a counter bore that receives a nose projecting from the motor/drive assembly;

a second face having a registration feature that permits registration with the pump assembly; and

a bore extending from the front face to the second face through the adapter to permit a shaft to pass therethrough between the pump and the motor/gear box assembly.

2. (Withdrawn) An adapter according to claim 1, wherein the registration feature comprises at least two mounting holes that each receive a shoulder screw threadable into the pump assembly.

3. (Withdrawn) An adapter according to claim 1, wherein the first face further comprises a flange having a plurality of bolt holes for accepting bolts that are threadable into the motor/gear box assembly.

4. (Withdrawn) An adapter according to claim 1, wherein the second face further comprises additional bolt holes that receive bolts threadable into the pump assembly.

5. (Withdrawn) An adapter according to claim 1, further comprising a base connected to the adapter body that supports the adapter body.

6. (Previously presented) An apparatus for pumping materials, comprising:
a motor/drive assembly having an output shaft;
a pump assembly having an input shaft matable with the motor/drive assembly output shaft;
an adapter rigidly coupled between the motor/drive assembly and the pump assembly and having a bore therethrough to permit at least one of the output shaft and the input shaft to pass therethrough; and
a base rigidly coupled to the adapter body that supports the adapter body wherein the base is rigidly coupled to the pump assembly and the adapter body only.

7. (Cancelled).

8. (Cancelled).

9. (Original) An apparatus according to claim 6, wherein the adapter is a unitary part.

10. (Previously presented) An apparatus according to claim 9, wherein the adapter body further comprises:

a first face having a counter bore that receives a nose projecting from the motor/drive assembly;
a second face having at least two mounting holes that each receive a shoulder screws threadable into the pump assembly; and
a bore extending from the front face to the second face through the adapter to permit a shaft to pass therethrough between the pump and the motor/drive assembly.

11. (Withdrawn) An adapter for connecting a motor/gear box assembly to a pump assembly, the adapter comprising:

a first face having means for receiving a nose projecting from the motor/gear box assembly;

a second face having means for providing registration with the pump assembly; and

means extending from the front face to the second face through the adapter for permitting a shaft to pass through from the pump to the motor/gear box assembly.

12. (Withdrawn) An adapter according to claim 11, wherein the registration providing means comprises means for receiving shoulder screws threadable into the pump assembly.

13. (Withdrawn) An adapter according to claim 12, further comprising supporting means connected to the adaptor body for supporting the adapter body.

14. (Previously presented) An apparatus for pumping materials, comprising:

driving means having an output shaft;

pumping means having an input shaft matable with the driving means output shaft;

aligning means rigidly coupled between the driving means and the pumping means for aligning the driving means and the pumping means, and having a bore therethrough to permit at least one of the output shaft and the input shaft to pass therethrough;

supporting means rigidly coupled to the aligning means for supporting the aligning means, wherein the supporting means is rigidly coupled to the pumping means and the aligning means only.

15. (Cancelled)

16. (Cancelled).

17. (Original) An apparatus according to claim 14, wherein the aligning means further comprises:

a first face having a counterbore that receives a nose projecting from the driving means;
a second face having at least two mounting holes that receive shoulder screws threadable into the pumping means; and
a bore extending from the front face to the second face through the aligning means to permit a shaft to pass through between the pumping means and the driving means.

18. (Withdrawn) A method for connecting a motor/gear box assembly to a pump assembly comprising:

mounting an adapter body having a first face having a counterbore so that the counterbore receives a nose projecting from the motor/gear box assembly; and

mounting the adapter body a second face having at least two mounting holes so that the mounting holes receive shoulder screws threadable into the pump assembly.

19. (Withdrawn) A method of claim 18, further comprising connecting a base to the adapter body that supports the adapter body.

20. (Withdrawn) A method for pumping materials, comprising:

driving a pump assembly with a motor/gear box assembly; and
an adapter body coupling the motor/gear box assembly to the pump assembly using having a bore there through to permit at least one of the output shaft and the input shaft to pass therethrough.

21. (Withdrawn) A method according to claim 20, wherein the adapter body is a unitary part.

22. (Withdrawn) A method according to claim 20, further comprising supporting the adapter body with a base rigidly coupled to the adapter body.

23. (Withdrawn) A method according to claim 20, wherein the base is also rigidly coupled to the pump assembly.

24. (Withdrawn) A method according to claim 20, wherein the adapter body further comprises:

a first face having a counterbore that receives a nose projecting from the motor/gear box assembly;

a second face having at least two mounting holes that receive shoulder screws threadable into the pump assembly; and

a bore extending from the front face to the second face through the adapter to permit a shaft to pass therethrough between the pump and the motor/gear box assembly.

25. (Previously presented) The apparatus according to claim 10, wherein the second face comprises a registration feature that permits registration with the pump assembly.

26. (Previously presented) The apparatus according to claim 17, wherein the second face comprises a registration feature that permits registration with the pump assembly.

27. (New) An apparatus for pumping materials, comprising:

a motor/drive assembly having a hollow final output gear with a hollow receiving portion;

a pump assembly having a pump input shaft extending outward therefrom and matable to project into the hollow receiving portion of the hollow output gear;

an adapter body rigidly coupled between the motor/drive assembly and the pump assembly and having a bore therethrough to permit the pump input shaft to pass therethrough, and wherein the adapter body has a first face with an aligning feature that aligns it with the motor/drive assembly and a second face with an alignment feature that aligns it with the pump assembly; and

a base directly coupled to the pump assembly and directly coupled to the adapter body, that supports the pump assembly, the adapter body and the motor/drive assembly but does not contact the motor/drive assembly.